

Geology Continuing Education Series: Earthquake Hazards

May 12, 2007

co-sponsored by
Inland Geological Society

Association of Environmental and Engineering Geologists, Inland Empire Chapter

Geosciences 825.E (.6 CEU)

Earthquake hazards have been and continue to be at the forefront of scientific investigations by local, state and federal agencies. Six speakers will present information on various aspects of earthquake and seismic hazards. The topics cover ground fractures and fissures, paleoseismicity and fault slip rates, fault rupture hazard mitigation, earthquake processes and probability, fault zone properties and performing fault rupture studies.



PROGRAM COORDINATORS: TIEN LEE, Ph.D., Professor of Geophysics, UC Riverside

GREG JOHNSON, B.S., Engineering Geologist, Los Angeles County Department of Public Works

Date/Time: Sat. 9 am-4:30 pm, May 12.

Location: UC RIVERSIDE: Extension Center, 1200 University Ave.

Fee: \$75 / \$70 each for members of the IGS or AEEG / \$10 each for students (includes lunch, materials and parking, 1 meeting)

Reg #064-SCS-S45

AGENDA

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| 9 am | Welcome and Introduction |
| 9:10 am | Evaluation of Earthquake Probabilities in Southern California
<i>Jim Dieterich, UCR, National Academy of Sciences</i> |
| 10:10 am | What Have We Learned Recently About Faults?
<i>Elizabeth Cochran, UCR</i> |
| 11:10 am | Paleoseismicity and Fault Activity: Case Studies on the San Andreas and San Jacinto Faults
<i>Catherine Kendrick, US Geological Survey, UCR</i> |
| Noon | Lunch |
| 1:10 pm | Coseismic Ground Failure
<i>Doug Morton, US Geological Survey, UCR</i> |
| 2:10 pm | Practical Considerations in Performing Fault Rupture Study
<i>Kerry Cato, Cato Geosciences, Inc.</i> |
| 3:10 pm | Fault Rupture Hazard Mitigation in California Under the Alquist-Priolo Act
<i>Jerry Treiman, California Geological Survey</i> |
| 4 pm | Discussion and Closing Remarks |
| 4:30 pm | Adjourn |

PROGRAM INFORMATION:

Phone: (951) 827-5804
Fax: (951) 827-7374
E-mail: sciences@ucx.ucr.edu
Web Site: www.extension.ucr.edu

PARKING AT THE UC RIVERSIDE EXTENSION CENTER, 1200 UNIVERSITY AVE.: Parking is available in the parking structure south of the Center. Parking regulations are enforced from 8 am-10 pm daily in the UCR Extension Center parking lot and parking structure. Vehicles must display a visitor permit or a quarterly evening/weekend permit.

TO ENROLL:

By Phone: If you use VISA or MasterCard, you may complete enrollment by calling (951) 827-4105 or toll-free (800) 442-4990.

By Fax: For credit card or purchase order registration, fax completed enrollment form to (951) 827-7273, Attn: Student Services.

By Mail: Enclose your check or VISA/MasterCard authorization and mail to: UC Riverside Extension
1200 University Avenue
Riverside, CA 92507-4596

In Person: At the UC Riverside Extension Center, 1200 University Ave., Riverside.

IMPORTANT: We do not accept enrollments by e-mail, as it is not a secure method of communicating personal information.

ENROLLMENT FORM

SP07

I wish to enroll in:

Geology Continuing Education Series: Earthquake Hazards

Geosciences 825.E **Reg #064-SCS-S45**

\$75 \$70 each for members of the IGS or AEEG \$10 each for students

Full Name (please print) _____ Social Security No. (Provide if using tuition for tax credit) _____

Home Address (street, apt. no.) _____

City _____ State _____ ZIP Code _____

Daytime Phone _____ E-mail Address _____

Are you a U.S. Citizen: Yes No If no: Permanent Resident Type of VISA _____
(International student fees may apply.)

TO PAY BY CHECK: Enclose check made payable to REGENTS-UC in the amount of \$_____ to cover _____ enrollment(s) and parking permit.

TO USE YOUR CREDIT CARD:

VISA/MasterCard No. _____ Expiration Date _____

Authorizing Signature _____

PLEASE USE A SEPARATE SHEET FOR ADDITIONAL ENROLLMENTS. THANK YOU.

